

Amendments to the claims:

1. (Previously Cancelled)
2. (Previously Cancelled)
3. (Previously Cancelled)
4. (Previously Cancelled)
5. (Previously Cancelled)
6. (Previously Cancelled)
7. (Currently Amended) A method of manufacturing a lithium ion battery comprising:

Providing a plurality of ~~bipolar~~ lithium cells with a polymer separator there between;

Electrically attaching the anodes of each of the cells to an anode terminal and the cathodes of each of the cells to a cathode terminal;

Positioning the cells longitudinally within a housing having a front and a backside thereto so as to be parallel to the sides of the housing; and

Assembling the anode cell terminal at one end of the housing and the cathode cell terminal at the opposite end of the housing thereby enclosing the cells within the housing.

8. (Previously presented) The method of claim 7 wherein the anodes are ultrasonically welded to the anode cell terminal and the cathodes are ultrasonically welded to the cathode cell terminal.
9. (Previously presented) The method of claim 7 wherein the anode and cathode terminals are crimped to the housing, thereby providing a seal of the cell terminals to the housing.
10. (Previously presented) The method of claim 7 further comprising inserting a gas release vent into a port in a one-way valve housing attached to the anode cell terminal.
11. (Previously presented) The method of claim 7 wherein the housing is in the configuration of an open rectangular sleeve prior to positioning the cells therein.